

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: July 22, 2005

Inspector: Diana Walden

Location: Transition Stations (Hoyts Hill, Archer's Lane)

Storm/

Rain Event: The area received a localized storm of 2.94" on 7/18 based on reports from Danbury and posted by NOAA. Other areas may have received as little as 0.21".

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: No new access roads have been constructed. Access is gained off Hoyts Hill Road which was recently repaved and curbed by the DPW. Vegetation has been cleared along the edge of the roadway as a result of the roadwork, including up to the edge of a small stream. 7/22/05</p> <p>- Archer's Lane: A new access road is being cleared and grubbed from Diamond Hill Road several hundred feet to the transition station site up near the ROW. 7/22/05</p> <p>- A stone dust construction pad is well in place at the edge of the roadway. However, some minor sediment tracking has occurred out to the pavement. 7/22/05</p>	<p>-None at this time 7/22/05</p> <p>- It should be determined when the street gets to the point that it needs sweeping or larger stone could be installed on the construction pad. 7/22/05</p>
Foundation construction	<p>- No caisson drilling or foundation work has begun at either transition station. 7/22/05</p>	<p>- None at this time. 7/22/05</p>

Areas of Inspection	Observation	Recommended Action
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>-Hoyts Hill: Silt fence is in place at the bottom of the slope at the edge of the portion of the wetland to remain undisturbed. It has come un-toed and worn in a number of locations. 7/22/05.</p> <p>-A large area of the slope has been cleared in preparation for the station but this had led to some gullyng down the slope and sedimentation against the silt fence. 7/22/05</p> <p>- Several piles of soil are placed here at the top of slope. 7/22/05</p> <p>- A small area of sand/soil was noted on the other side of the silt fence in one spot. 7/22/05</p> <p>- Archer's Lane: All silt fence is well in place along the cleared access. Some wetland areas are located along the path but are also separated by a stone wall. 7/22/05</p> <p>- One area of the access is fairly steep but did not show signs of erosion yet. Wetlands are not located beyond this portion either. 7/22/05</p>	<p>- Several areas along the fence require repair. The worn areas should be replaced, the bottom of the fence should be buried 4-6 inches into the soil, and sediment should be pulled back where it has piled up 7/22/05</p> <p>- The fence could also be reinforced with staked haybales as an additional control. This is recommended here. 7/22/05</p> <p>- The slope should be placed with several check dams of silt fence or haybales which would help slow sedimentation before it reaches the only barrier. 7/22/05</p> <p>- This soil should be pulled back into the yard. 7/22/05</p> <p>- None at this time. Continue to monitor the area and be proactive in maintenance of the erosion controls. 7/22/05</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- Hoyts Hill: As part of the transition station, a small area of wetlands has been scheduled to be cleared and altered. The silt fence is up as a work limit and to protect the remainder of the wetland. 7/22/05</p> <p>- Some water was filtering through a hole in the silt fence to the wetland but it was clear. 7/22/05</p> <p>Archer's Lane: No wetland</p>	<p>-Continue to monitor. Keep all equipment out of wetlands not to be disturbed and keep controls in good repair. 7/22/05</p> <p>- None at this time. Continue</p>

Areas of Inspection	Observation	Recommended Action
	impacts are required. 7/22/05	to monitor. 7/22/05
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	- Hoyts Hill: A fairly large area along a slope in the existing ROW has been cleared and grubbed in preparation for the construction of the station. 7/22/05 - Archer's Lane: The access road and transition station location are currently being cleared and grubbed.	-Keep clearing within the limits of the work. The work performed by the DPW also resulted in a good deal of clearing along the roadway. 7/22/05 -Keep clearing within the limits of the work. 7/22/05
Dewatering	- No dewatering was necessary at this time. 7/22/05	-None at this time. 7/22/05
Blasting	- No blasting is occurring on either site at this time. 7/22/05	- None at this time. 7/22/05
Spills and Material Storage	- No leaks or drips were noticed at either site. 7/22/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. See proper storage for all materials.
Additional Observations		

Next likely scheduled inspection:

Wednesday, July 27, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate



Hoyts Hill Transition Station: View of the cleared area within the ROW for the construction of the station. (7/22/05)



View at the water filtering through the silt fence within the wetland. Although the water is clear at this time, repairs to the fence are necessary. (7/22/05)



View of one of the areas where the fence needs to be toed in (on the left). View of the area where some sediment was placed beyond the fence and should be pulled back (on the right) (7/22/05)



View of one of the sediment piles located within the cleared area. (7/22/05)



Archer's Lane Transition Station: Some minor sediment tracking is occurring to the roadway of Diamond Hill Road even though a construction entrance pad is in place. (7/22/05)



View from the construction pad looking out towards the clearing and grubbing for the access road. (7/22/05)



View at the clearing and grubbing for the access road and looking towards the transition station site. (7/22/05)